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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/796,051	03/10/2004	Chang Lim	3282-C-2-Z	4734

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EXAMINER

BAROT, BHARAT

ART UNIT	PAPER NUMBER
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2155

DATE MAILED: 04/08/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/796,051	Applicant(s) LIM ET AL.	
	Examiner Bharat N Barot	Art Unit 2155	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 March 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 7-14,27-33,39 and 40 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) 7-14,27-33,39 and 40 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Specification

1. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Drawings

2. This application has been filed with informal drawings, which are acceptable for examination purposes only. Formal drawings will be required when the application is allowed.

Information Disclosure Statement (IDS)

3. The information disclosure statement filed on **March 10, 2004** fails to comply with the provisions of 37 CFR 1.97, 1.98 and MPEP § 609 because the **IDS requires** the following: (1) a list of all patents, publications, applications, or other information submitted for consideration by the Office; (2) U.S. patents and U.S. patent application publications listed in a section separately from citations of other documents; (3) the application number of the application in which the information disclosure statement is being submitted on each page of the list; (4) a column that provides a blank space next to each document to be considered, for the examiner's initials; and (5) a heading that clearly indicates that the list is an information disclosure statement in **Form 1449**.

It has been placed in the application file, but the information referred to therein has **not been considered** as to the merits. Applicant is advised that the date of any re-submission of any item of information contained in this information disclosure statement or the submission of any missing element(s) will be the date of submission for purposes of determining compliance with the requirements based on the time of filing the statement, including all certification requirements for statements under 37 CFR 1.97(e). See MPEP § 609 ¶ C(1).

Claim Rejections - 35 USC § 103(a)

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(f) or (g) prior art under 35 U.S.C. 103(a).

5. Claims 7-12 and 39-40 are rejected under 35 U.S.C. 103(a) as being unpatentable over Baker et al (U.S. Patent No. 5,678,041) in view of Hu (U.S. Patent No. 5,586,260).

6. As to claim 7, Baker discloses a system for authorizing a user of a client to have access to a server via network (see abstract; and figures 1-3) comprising: means in the client for inputting a user ID, user password, and a unique client address (URL); communication means at the client for passing the ID, password, and address to the server via the network in response to a request (figures 1 and 3; column 4 lines 1-43; and column 7 lines 3-16); means at the server to store information respecting the client and to compare the stored information with the user ID and user password; means at the server to store dynamic status information (resource rating and user clearance) respecting the user, the status information being one of enabled, disabled or active; and means to authorize log in of the user if the ID and password agree with the stored information and if the user status is enabled (figures 1 and 3; column 4 line 44 to column 5 line 44; and column 6 line 49 to column 7 line 16).

However, Baker does not explicitly disclose a system for authorizing a user of a client to have access to a server via network comprising: means in the client for storing a unique client address; and means at the client to store dynamic status information respecting the user, the status information being one of enabled, disabled or active.

Hu discloses a system for authorizing a user of a client to have access to a server via network comprising: means in the client for storing a unique client address; and means at the client to store dynamic status information respecting the user, the status information being one of enabled, disabled or active (figure 4; column 1 line 59 to column 2 line 25; and column 5 line 59 to column 6 line 11).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the means in the client of Hu with the system for authorizing a user of a client to have access to a server via network of Baker for storing a unique client address and dynamic status information respecting the user because doing so would provide flexible approach to improve the authentication between client and server.

7. As to claims 8-10, Baker discloses that the status information is changed to active when the user is granted access to the server; the user is denied access to the server if the status information is disabled; and if the status information is active the server compares the client address with the stored information and if the address agree the user is logged onto the server otherwise the user is denied access (figures 1 and 3; column 4 line 44 to column 5 line 44; and column 6 line 49 to column 7 line 16).

8. As to claim 11, Baker discloses that the client is an end user of an customer service management system and the server is a service director (proxy server) having means (processor) to manipulate a user's private network (LAN) (figure 1; and column 3 lines 55-67).

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9. As to claims 39-40, Baker discloses that the means to authorize log in includes means to prevent log in if the user is already logged in; and the status information relates to whether the user is enabled, disabled or active (figures 1 and 3; column 4 line 44 to column 5 line 44; and column 6 line 49 to column 7 line 51).

10. As to claim 12, it is rejected for the same reasons set forth to rejecting claim 7 above, since claim 12 is merely a method of operation for the apparatus defined in the apparatus claim 7.

11. Claims 13-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over LaStrange et al (U.S. Patent No. 5,784,058).

12. As to claim 13, LaStrange discloses a system providing information on a client's browser screen in response to a request from a user comprising: a two frame window on the browser screen; an icon or symbol button associated with a first frame window; and link means between the client and a server whereby activation of the icon or symbol button retrieves information relating to subject matter displayed on a second frame window from the server (see abstract; figures 5-6s; column 4 lines 3-47; column 4 line 53 to column 5 line 51).

However, LaStrange does not explicitly disclose that the information is the help information, the icon or symbol button is a help button, the first frame window is a dashboard frame window, and the second frame window is a context frame window.

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It would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the information as a help information, the icon or symbol button as a help button, the first frame window as a dashboard frame window, and the second frame window as a context frame window with the system of LaStrange for providing information on a client's browser screen in response to a request from a user because doing so would provide help information from the server without over writing on the original information.

13. As to claim 14, LaStrange discloses the server is a customer service management services director on a multi technology network (figure 1; and column 3 line 24-35).

14. Claims 27-33 are rejected under 35 U.S.C. 103(a) as being unpatentable over Davis et al (U.S. Patent No. 5,796,952).

15. As to claims 27 and 31, Davis discloses a system for storing information respecting a plurality of applications to a shared memory comprising : a volatile memory for storing the information; means to allocate space in the volatile memory to selected ones of the plurality of applications; identification means for identifying the space allocated to each of the selected applications; and backup means to periodically transfer stored information from the volatile memory to non-volatile memory (figure 2; and column 7 line 30 to column 9 line 15).

However, Davis does not explicitly disclose that retrieves the information from the non-volatile memory at system startup and stores the information to the non-volatile memory at system shut down. But it would have been obvious and known in the art at the time the invention was made to retrieve the information from the non-volatile memory at system startup and store the information to the non-volatile memory at system shut down because doing so would reduce data or information loss problem.

16. As to claims 28-29, Davis discloses that the volatile memory is a random access memory (RAM) and non-volatile memory is a hard disk storing device (figure 2; and column 7 lines 30-49).

17. As to claim 30, Davis discloses that the means to allocate space is a daemon process (figure 2; and column 7 line 66 to column 8 line 5):

18. As to claims 32-33, Davis discloses that the shared memory is in a server in a communication system; and the communication system is a customer service management system and the server is a service director (figures 3-7; column 9 lines 16-45; and column 11 line 34 to column 12 line 50).

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Additional References

19. The examiner as of general interest cites the following references.
- a. Green et al, U.S. Patent No. 6,003,084.
 - b. Landfield et al, U.S. Patent No. 5,928,333.
 - c. Cain, U.S. Patent No. 5,778,174.

Contact Information

20. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bharat Barot whose telephone number is (571) 272-3979. The examiner can normally be reached on Monday-Friday from 9:30 AM to 6:00 PM.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Alam, Hosain, can be reached at (571) 272-3978.

Any inquiry of general nature or relating to the status of this application should be directed to the group receptionist whose telephone number is (703) 305-3900.

Patent Examiner Bharat Barot

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March 29, 2005


BHARAT BAROT
PRIMARY EXAMINER